

Apple iPhone 17e (MHRY4QN/A)

Apple iPhone 17e - 5G smartphone - dual-SIM / Internal Memory 512 GB - OLED display - 6.1" - 2532 x 1170 pixels - rear camera 48 MP - front camera 12 MP - black



The Apple iPhone 17e offers a blend of performance, innovation, and sleek design. With a durable lithium-ion battery and support for wireless charging, this smartphone is suitable for users who rely on their device throughout the day. The multi-touch OLED display features color accuracy and HDR technology, making every image and video look vivid and lifelike. Whether capturing high-resolution photos with the 48 megapixel rear camera or enjoying HD video content, the iPhone 17e delivers on quality and user experience.

Key Selling Points

- Supports 5G connectivity for faster Internet speeds
- Equipped with advanced Face ID for enhanced security
- Features dual-SIM capability with e-SIM support
- Includes Dolby Vision and HDR10 for superior visual quality
- Powered by a 6-core processor with a 16-core Neural Engine

Product Features

- Impressive Display**
The OLED display of the iPhone 17e offers a contrast ratio of 2000000:1, ensuring vibrant colors and deep blacks for an immersive viewing experience. The support for HDR technology enhances visual content, providing users with clarity and detail.
- Advanced Camera System**
With a 48 megapixel rear camera, the iPhone 17e is designed to capture images and videos. It features optical image stabilization and advanced HDR modes, ensuring crisp photos in various lighting conditions, and supports multiple video resolutions including 4K at 60 fps.
- Sophisticated Security**
The iPhone 17e incorporates Face ID technology for secure facial recognition, allowing users to unlock their device and authorize payments effortlessly. This feature combines convenience with security measures to protect user data.
- Robust Performance**
Powered by a 6-core processor with two performance cores and four efficient cores, the iPhone 17e ensures smooth multitasking and responsive app performance. The integration of the 16-core Neural Engine enhances the device's capabilities with machine learning skills.
- Versatile Connectivity**
The device supports dual-SIM functionality with e-SIM capabilities, allowing users to manage personal and professional numbers effortlessly. Additionally, it offers USB-C connections for convenient and speedy charging and data transfer.

Main Specifications

Product Description	Apple iPhone 17e - black - 5G smartphone - 512 GB - GSM
Product Type	5G smartphone
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2556297
Energy Class	Class A
EU Data Act	https://regulatoryinfo.apple.com/eudataact
Manufacturer Model Number	A3634
Display	OLED display - 2532 x 1170 pixels - 6.1" - 460 ppi - Super Retina XDR Display - HDR - fingerprint-resistant oleophobic coating, Ceramic Shield 2, anti-reflective coating
Processor	Apple A19 (6-core)
Neural Processor Unit (NPU)	Apple 16-core Neural Engine
Modem	Apple C1X
Memory	512 GB
Operating System	iOS 26
Apple Intelligence	Yes
Main Camera	48 Megapixel - 2x optical zoom - 26 mm - f/1.6 - focus: automatic
Front Camera	12 Megapixel f/1.9 - automatic
Service Provider	Not specified

SIM Card	Dual-SIM - nano SIM, Electronic SIM card (e-SIM)
Wireless Interface	NFC, Wi-Fi 6, Bluetooth
Security Devices	Face recognition
Connectors	USB-C
Wireless Charging Standards	Qi2
Protection	Water-resistant, splash-resistant, dust-resistant
Colour	Black
Dimensions (WxDxH)	71.5 mm x 7.8 mm x 146.7 mm
Weight	170 g
Carbon Footprint	57 kg carbon emissions
Rare Earth Materials	100% recycled rare earth elements
Specific Absorption Rate (SAR)	1.49 W/kg (head) ¦ 1.49 W/kg (body) ¦ 2.95 W/kg (limb)
Manufacturer Warranty	1-year warranty

Extended Specification

General

Product Type	Smartphone
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2556297
Energy Class	Class A
Manufacturer Model Number	A3634
EU Data Act	https://regulatoryinfo.apple.com/eudataact
Form Factor	Touch
Protection	Water-resistant, splash-resistant, dust-resistant
Width	71.5 mm
Depth	7.8 mm
Height	146.7 mm
Weight	170 g
Body Colour	Black
Body Material	Glass, aluminium frame

Memory

Internal Memory Capacity	512 GB
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Manufacturer Warranty

Service & Support	Limited warranty - 1 year ¦ Technical support - consulting - 90 days
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Processor

Type	Apple A19
Performance Cores	2
Efficient Cores	4
Processor Core Qty	6-core

Miscellaneous

Ingress Protection Rating	IP68
Repeated Free Fall Reliability Class	Class B
Compliant Standards	IEC 60529 IP68, HAC (Hearing Aid Compatible)
Included Accessories	USB-C to USB-C cable (1 m)

Environmental Parameters

Max Depth of Water Resistance	6 m
Min Operating Temperature	0 °C
Max Operating Temperature	35 °C
Humidity Range Operating	5 - 95% (non-condensing)

Display

Type	OLED display
Technology	Super Retina XDR Display
Diagonal Size	6.1"
Display Resolution	2532 x 1170 pixels
Pixel Density	460 ppi
Max Brightness	800 cd/m²
HDR	Yes
HDR Technology	HDR10, HDR10+
Enhancement Technology	Dolby Vision
Contrast Ratio	2000000:1
Protection	Fingerprint-resistant oleophobic coating, Ceramic Shield 2, anti-reflective coating
Display Languages	Danish, Hindi, Hebrew, Hungarian, Czech, Croatian, Indonesian, Thai, Slovak, Chinese (traditional), Chinese (simplified), Vietnamese, Ukrainian, Brazilian Portuguese, German, French, Italian, Norwegian, Portuguese, Polish, Finnish, Swedish, Russian, Spanish, Dutch, Greek, Turkish, Arabic, Romanian, Catalan, Japanese, Korean, Malay, UK English, US English, Australian English, French Canadian, Spanish (Latin American), Chinese (Traditional, Hong Kong), Spanish (Mexican)
Features	True Tone display, Wide colour display (P3), Haptic touch, Hybrid Log-Gamma (HLG), 1200 nits max brightness (HDR)

Battery

Technology	Lithium Ion
Fast Charging Technology	Apple fast charging technology
Wireless Charging	Yes
Wireless Charging Standards	Qi2
Battery Endurance per Cycle	2700 min
Battery Endurance in Cycles	1000
Run Time Details	Playback (video): up to 26 hrs Playback (streamed video): up to 21 hrs

Communications

Data Transmission	EDGE, HSPA+, VoLTE, FDD-LTE, TDD-LTE, Gigabit LTE, 5G NR FR1
2G Band	850 GSM, 900 GSM, 1800 GSM, 1900 GSM
3G UMTS Band	Band 1, Band 2, Band 5, Band 8, Band 10
3G UMTS Frequency	2100, 1900, 850, 900, 1700 EAWS
4G LTE Band	Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 13, Band 17, Band 18, Band 19, Band 20, Band 25, Band 26, Band 28, Band 30, Band 32, Band 34, Band 38, Band 39, Band 40, Band 41, Band 42, Band 48, Band 66, Band 53
4G LTE Frequency	FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 1700 - 2110 AWS, FDD 850, FDD 2600, FDD 900, FDD 700a, FDD 700c, FDD 700b, FDD 800 lower, FDD 800 upper, FDD 800 DD, FDD 1900+, FDD 850+, FDD 700 APT, FDD 2300 WCS, FDD 1500 L, TDD 2000, TDD 2600, TDD 1900, TDD 2300, TDD 2500, TDD 3500, TDD 3600, FDD 1700 - 2110 AWS-3, Band 53
5G NR Band	N1, n2, n3, n5, n7, n8, n20, n28, n38, n41, n66, n70, n75, n77, n78, n79, n40, n25, n12, n48, n26, n30, n53
5G NR Frequency	FDD 2100, FDD 1900PCS, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 800, FDD 700APT, TDD TD 2600, TDD TD 2500, FDD AWS-3, FDD AWS-4, SDL DL 1500+, TDD TD 3700, TDD TD 3500, TDD TD 4500, TDD 2300, FDD 1900, n12, TDD 3500, FDD 850, FDD 2300, n53
Wireless Interface	NFC, IEEE 802.11ax, Bluetooth 5.3
Modem	Apple C1X

Connections

Connector Type	USB Type-C - 24 pin USB-C
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Phone Features

Sensors	Proximity sensor, digital compass, barometer, magnetometer, dual ambient light sensor, high-g accelerometer, gyroscope with high dynamic range
Security Devices	Face recognition
Security Technology	Face ID
Additional Features	Eye-tracking technology, MIMO technology, Wi-Fi Calling, iBeacon microlocation, Apple TV support (2nd or later), Fast Charging, FaceTime audio, Apple MagSafe, Express Transit cards with power reserve, 4K HDR AirPlay Mirroring, FaceTime HD (1080p), RTT/TTY compatible, dual stereo speakers, Voice isolation, Zoom with rear-facing camera, Wide Spectrum microphone mode, SharePlay, Screen sharing, Portrait mode in FaceTime video, FaceTime call with SharePlay, Crash Detection, magnet array, alignment magnet, accessory identification NFC, Apple Cash, Emergency SOS via satellite, Roadside Assistance via satellite, action button, hardware-accelerated ray tracing, messages via satellite, VoiceOver, Zoom, Magnifier, Voice Control, Switch Control, AssistiveTouch, Closed Captions, Live Captions, Personal Voice, Live Speech, Vocal Shortcuts, Type to Siri, Spoken Content

Cellular

Technology	WCDMA (UMTS) / GSM
Mobile Broadband Generation	5G
Service Provider	Not specified
Operating System	iOS 26
Intelligent Assistant	Siri
Apple Intelligence	Yes
Navigation	GPS, GLONASS, BeiDou, Galileo, QZSS, NavIC
SIM Card Type	Nano SIM, Electronic SIM card (e-SIM)
SIM Card Qty	Dual-SIM
Payment Technology	Apple Pay
Input Device	Multi-touch

Media Player

Supported Digital Audio Standards	AAC, MP3, FLAC, Apple Lossless, Dolby Digital, Dolby Digital Plus
Supported Digital Video Standards	H.264, HEVC, AV1
Video Enhancements	HDR with Dolby Vision, HDR10, Hybrid Log-Gamma (HLG)
Sound Enhancements	Dolby Digital Plus sound, Dolby Atmos sound technology, Dolby Digital sound, Spatial audio

Front Camera

Sensor Resolution	12 Megapixel
Lens Aperture	F/1.9
Focus Adjustment	Automatic
HDR Mode	Smart HDR 5
Special Effects	Photographic Styles
Face Detection	Face recognition
Camera Modes	Burst mode, night mode, wide colour capture for photos and Live Photos, Portrait mode with adjustable depth control, Time Lapse (Night mode), Portrait Lighting with six effects
Video Resolutions	1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps, Slo-mo video 1920 x 1080 (1080p) at 120 fps, 3840 x 2160 (4K) at 30 fps, 3840 x 2160 (4K) at 60 fps, 3840 x 2160 (4K) at 24 fps, 1920 x 1080 (1080p) at 25 fps, 3840 x 2160 (4K) at 25 fps
Light Source	Retina Flash
Features	Auto image stabilisation, Animoji, Memoji, TrueDepth camera, Cinematic video stabilisation, QuickTake video, Time-lapse video with stabilisation, Lens correction, Deep Fusion, Autofocus with Focus Pixels, Photonic Engine, 4K Dolby Vision video recording up to 60 fps, 1080p Dolby Vision video recording up to 60 fps, Spatial Audio and stereo recording, Wind noise reduction, Audio Mix

Main Camera

Sensor Resolution	48 Megapixel
Optical Image Stabiliser	Optical Image Stabiliser (OIS)
Lens Aperture	F/1.6
Min Focal Length	26 mm
Focus Adjustment	Automatic
Optical Zoom	2x
Digital Zoom	10x
Special Effects	Photographic Styles
Camera Modes	Burst mode, Panorama, night mode, Timelapse video, wide colour capture for photos and Live Photos, Portrait mode with adjustable depth control, Time Lapse (Night mode), Portrait Lighting with six effects
Face Detection	Face recognition
HDR Mode	Smart HDR 5
Light Source	True Tone LED flash
Video Resolutions	1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps, 1280 x 720 (720p) at 30 fps, Slo-mo video 1920 x 1080 (1080p) at 120 fps, 3840 x 2160 (4K) at 30 fps, 3840 x 2160 (4K) at 60 fps, 3840 x 2160 (4K) at 24 fps, 1920 x 1080 (1080p) at 25 fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps, 3840 x 2160 (4K) at 25 fps
Features	Sapphire crystal lens cover, Cinematic video stabilisation, Cinematic video stabilisation, Playback zoom, geotagging, Stereo Recording, Continuous autofocus video, 8MP still photos recording 4K video, Time-lapse video with stabilisation, Advanced red-eye correction, Optical image stabilization for video, Panorama (up to 63MP), HEIF image capture, Audio zoom, QuickTake video, HEVC (High Efficiency Video coding), Deep Fusion, Digital zoom up to 6x for video, JPEG image capture, Photonic Engine, Wind noise reduction, Spatial Audio and stereo recording, Audio Mix, 4K Dolby Vision video recording up to 60 fps, 1080p Dolby Vision video recording up to 60 fps, Hybrid Focus Pixels, 2-in-1 camera system, next-generation portrait focus and depth control

Sustainability Information

Repairability Class	Class C
EPEAT Compliant	Yes
EPEAT Level	EPEAT Gold
Carbon Footprint	57 kg carbon emissions
Rare Earth Materials	100% recycled rare earth elements
Product Recycled Content	30 % - recycled or renewable content
Packaging Recycled Content	100 % - recycled fibre

Neural Processor Unit (NPU)

Artificial Intelligence Processor Family	Apple
Artificial Intelligence Processor Model	16-core Neural Engine

What's in the box

- Apple iPhone 17e
- USB-C to USB-C cable (1 m)

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet